



Edgewood Area - Aberdeen Proving Ground, Maryland 21010-5424

U.S. Army Soldier and Biological Chemical Command

Joint Service General Purpose Mask (JSGPM)

Description: The JSGPM is designed to replace the M40/M42/MCU-2/P series masks. It will significantly reduce mission degradation and will be compatible with future equipment and soldier systems. The JSGPM will improve visual field-of-view and increase a soldier's ability to perform mission essential tasks because physiological burdens, such as breathing resistance, will be reduced. A key feature of the mask will be reduced weight and bulk. The mask is being developed through a performance specification sponsored by the joint services.

Mission: Provide face, eye, and respiratory protection from battlefield concentrations of CB agents, toxins, toxic industrial materials and radioactive particulate matter.

User: All services – replaces current M40/M42 and MCU-2/P series protective masks.

Target Capabilities:

- Improved protection, including selected Toxic Industrial Chemicals (TICS)
- Improved field of view
- Lower breathing resistance
- Reduced weight/bulk
- Improved compatibility with sighting and targeting devices
- Significantly lower Total Ownership Cost (TOC)

Goal: 50% improvement over the existing M40 and MCU-2/P series protective masks.

Major Accomplishments Last 12 Months:

- Awarded Program Definition Risk Reduction Contract to Avon Rubber and Plastics, Cadillac, MI, on 30 Mar 00. Key partners include Avon Technical Products, Wiltshire, England; SAIC, Abingdon, MD; and Guild Associates, Inc., Columbus, OH.
- Conducted Concept Review on 6-8 Sep 00.
- Conducted Configuration Baseline Review on 22 May 01.
- Conducted Prototype Production Readiness Review on 14-15 Aug 01.

Plans for FY01:

- Configuration Baseline Review on 30 May 01
- Approve TEMP Mar 01
- Approve JALSP Mar 01



For additional information, please contact Program Director-Respiratory Protection, ATTN: AMSSB-PM-RNN-P, Aberdeen Proving Ground, MD 21010-5424. The Program Director can also be contacted by E-mail (pm.respiratory@sbccom.apgea.army.mil), by telephone at (410) 436-1776 or DSN 584-1776, or by fax to (410) 436-4184.